

Date: Sun, 17 Jul 94 04:30:13 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #236  
To: Ham-Equip

Ham-Equip Digest                      Sun, 17 Jul 94                      Volume 94 : Issue    236

Today's Topics:

                    10 Meter Linear Wanted  
                            Antenna safety  
                            D2999 mods wanted  
                    Kenwood TH-78A: reset processor  
            Looking for Handheld Personal Radio Transceiver  
                    Need power supply advice  
                    Radio Shack Realistic 2-m  
                    Radio Shack Realistic 2-Meter Rig  
                    Ten-Tec 1208 transverter - update

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 16 Jul 1994 00:02:55 GMT  
From: gatech!howland.reston.ans.net!agate!kennish@uunet.uu.net  
Subject: 10 Meter Linear Wanted  
To: ham-equip@ucsd.edu

In article <306pu4\$7or@hammer.msfc.nasa.gov>,  
Da Boss Troll <richard.krum@msfc.nasa.gov> wrote:  
>In article <306nu6\$r7v@search01.news.aol.com>, jwolter@aol.com (JWolter) says:  
>>  
>>I am looking for a 10 Meter Linear amp that someone has to sell, probably  
>>in to 200W range, that is a Base or Mobile, i might be interested. However  
>>i can only spend about \$150 let me know if that sounds reasonable, i have  
>>no idea.  
>>Jason

>  
><sigh>  
>  
>E-mail bomb this spam, anyone?  
>  
>DON'T POST IT! Please. Even though <<snick>> the safety just came off my  
>flamethrower. Lesse here, wher's that address----<grin>  
>  
>---rich

He doesn't show up in the I-net callbook. Seller beware.

-Ken

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Date: 15 Jul 1994 04:42:40 GMT  
From: ihnp4.ucsd.edu!agate!headwall.Stanford.EDU!glass@network.ucsd.edu  
Subject: Antenna safety  
To: ham-equip@ucsd.edu

I need to mount an antenna for a 900 MHz spread-spectrum radio link.

According to the manufacturer of the radio equipment, it works best when antennas are on a direct line of sight. However, because the building where the antenna will be is only 18' high, and some of the surrounding buildings are taller, it will need a tall mast or tower.

To figure out how high the antenna needs to be, I made a crude sextant from a yardstick, a protractor, and a photo tripod. After a few observations and a little math, I determined that one nearby building with a flat roof (plus a small shed on top) was about 30' tall at the roofline, with a chimney about 41' high. (Since local codes require the chimney to be the tallest part of the building, it should end higher than the shed.) Another building in the area, an old Victorian mansion, came out to be about 54' high at its tallest spire.

The area where the antenna will reside is subject to strong winds all year round, so the mast or tower will have to be steady and strong. There's an average of one thunderstorm per day during the summer, so lightning protection needs to be good. The lot on which the building sits is 66' across, and there are high voltage power lines in the alley about 6' beyond the property line. The building butts right up against the opposite end of the property.

The antenna itself will be an omni with 9 dB of gain -- fairly expensive, but necessary to give it a good reach even when it's iced over.

What's the best method of mounting the antenna safely, securely, and high enough to work? The local Radio Shack said it had a 39' mast designed for TV antennas, which could be mounted on the roof using an eave or tripod mount. (The resulting height would be about 57' -- just about right.) But of course, I don't trust Radio Shack to know anything about antenna safety, or mounting it to resist winds. They also drew a blank when I asked about grounding and lightning protection.

What do I need to know to get the antenna up (and have it stay up)? How can I avoid having the building burn down if lightning strikes? How can I protect the digital transceiver at the end of the coax? And what precautions, if any, need to be taken about the power lines?

Any info, advice, comments, and pointers to literature would be much appreciated.

--Brett Glass

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"Beware when the great God lets loose a thinker on this planet. Then all things are at risk. It is as when a conflagration has broken out in a great city, and no man knows what is safe, or where it will end."  
-- Ralph Waldo Emerson

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Date: Wed, 13 Jul 94 15:50:00 -0500  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!col.hp.com!csn!cateye!john.bailey@network.ucsd.edu  
Subject: D2999 mods wanted  
To: ham-equip@ucsd.edu

One of my receivers is a Magnavox D2999. I am wondering if there are any mods available for it. Specifically, I would like to (if possible) find a way to increase the number of memory presets. Naturally I don't have the manual or schematic. Thanks for any help.

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Date: 15 Jul 1994 12:13:08 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!Germany.EU.net!Munich.Germany.EU.net!thoth.mch.sni.de!news.sni.de!nanette!norton!schro@network.ucsd.edu  
Subject: Kenwood TH-78A: reset processor  
To: ham-equip@ucsd.edu

In <2vvcnb\$7nd@apakabar.cc.columbia.edu> facchi@locarno.cc.columbia.edu (Athos

Facchi) writes:

>Does anyone know how to reset the processor on a Kenwood TH-78A?  
>I tried F for 2 seconds and then 0, but it did not work (I think).

If memory serves me well...

Press and hold PTT + MR, then POWER ON and hold all three for 1-2 seconds.

Hope this works ....

73 Django  
DL5YEC

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Date: Fri, 15 Jul 1994 20:08:18 GMT  
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!agate!howland.reston.ans.net!  
EU.net!Germany.EU.net!news.dfn.de!urmel.informatik.rwth-aachen.de!  
newsserver.rrzn.uni-hannover.de!Adam.Dyllon@@.  
Subject: Looking for Handheld Personal Radio Transceiver  
To: ham-equip@ucsd.edu

I'm currently on the market for a walkie-talkie type transceiver, and was wondering if any of you had any suggestions. My target price range is less than \$1000 for a pair(or less that \$500 for one). My main concerns are range, sound clarity, and size. Thanks.

BTW: Currently, I have no e-mail access, so please post all replies to the newsgroup. Thanks.

---Adam

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Date: 15 Jul 1994 11:48:51 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!  
prairienet.org!dhughes@network.ucsd.edu  
Subject: Need power supply advice  
To: ham-equip@ucsd.edu

I bought a Kenwood TH 215A handie-talkie at a hamfest last weekend, but it did not have its original power supply. The original is 10.15V @ 42.5mA.

Just how close do I have to be? Would I be effective (and safe) using a 12V @ 500mA? Is the amperage critical, or does the battery take what it needs and ignore the rest?

Thanks for any help! ---Dan

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Date: Thu, 14 Jul 94 20:37:00 -0800  
From: iat.holonet.net!alley.com!john.hiatt@uunet.uu.net  
Subject: Radio Shack Realistic 2-m  
To: ham-equip@ucsd.edu

>I HAVE been considering getting into a 2-metre rig for backcountry  
emergency >use. I have asked for recommendations and a few people  
suggested the >Realistic >HTX-202 (?) is a great value. Well, it just  
got better. RS has cut the price

>by \$70 to \$229. I don't have my FCC license yet but will soon.

The radio you are referring to is the HTX-404 at that price. The 2 meter  
rig sells for \$259 but when it goes on sale is usually about \$188.

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\* OLX 2.1 TD \* If this were an actual tagline, it would be funny.

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Date: 16 Jul 94 20:34:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Radio Shack Realistic 2-Meter Rig  
To: ham-equip@ucsd.edu

Greg in Digest 233 Writes:

>I have been considering getting into a 2-metre rig for backcountry  
emergency  
>use. I have asked for recommendations and a few people suggested the  
>Realistic  
>HTX-202 (?) is a great value. Well, it just got better. RS has cut the  
>price  
>by \$70 to \$229. I don't have my FCC license yet but will soon.  
>  
>The price is mighty attractive. Am I jumping the gun purchasing this radio  
>at  
>this time? If this radio is highly acclaimed, I would be willing to trust  
>the  
>judgement of practicing hams. Ought I buy this radio or hold off. I don't  
>mind  
>spending more for a better HT.  
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End of Ham-Equip Digest V94 #236  
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